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Complete if Known						
Application Number	08/954,954					
Filing Date	10/21/1997					
First Named Inventor	Summers et al.					
Group Art Unit	1643					
Examiner Name	Kemmerer, Elizabeth					
Attorney Docket Number	C 2001/1					

Y				U.S. PATENT DOCL	MENTS	
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
00L	AA -	4,703,008		Fu-Kuen Lin	10/27/87	
U	A-B	5,635,599		Pastan et al.	06/03/97	
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Examiner Initials	Cite No.1	Office	Foreign Patent  Number	Kind	d Code <sup>s</sup> known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
00K	BA	wo	95/27732	√	_	US DEPT OF HEALTH	10/19/95		-
	BB	WO	92/06116		-	ORTHO PHARM CORP	04/16/92		-
	BC	WO	95/21197		_	G. D. SEARLE & CO.	08/10/95		-
	BD	WO	94/24160	ν		BRIGHAM & WOMEN'S	10/27/94		
<b>V</b>	BE	wo	94/25055	J	_	ABBOTT LABORATORIES	11/10/94		<del> -</del>
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Complete if Known Application Number 08/954,954 Filing Date 10/21/1997 First Named Inventor Summers et al. Group Art Unit <u>1643</u> Examiner Name Kemmerer, Elizabeth Attorney Docket Number C-2991/1

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粱		1	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
	Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	OK	CA	REEKE et al, "Three-Dimensional Structure of Favin: Saccharide Binding-Cyclic Permutation in Leguminous Lectins", Science, 11/28/86, Vol. 234 pp 1108-1111	V
			LUGER et al, "An 8-fold Ba Barrel Protein with Redundant Folding Possibilities", Protein Engineering, Vol 3 pp 249-258	r
		CC	CUNNINGHAM et al, "Favion versus concanavalin A: Circularly permuted amino acid sequences", Proc. Natl. Acad. Sci. USA, July 1979, Vol. 76, No. 7, pp. 3218-3222	
		CD	PROTASOVA et al, "Circularly permuted dihydrofolate reductase of E.coli has functional activity and a destabilized tertiary structure:, Protein Engineering, 1994, Vol.7, No. 11, pp.1373-1777	
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		CG	HAHN et al, "Native-like in vivo folding of a circularly permuted jellyroll protein shown by crystal structure analysis", Proc. Natl. Acad. Sci. USA, 1994, Vol. 91, pp. 10417-10421	
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Complete if Known **Application Number** 08/954,954 Filing Date 10/21/1997 First Named Inventor Summers et al. Group Art Unit 1643 Examiner Name Kemmerer, Elizabeth C-2991/1

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4				OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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	EUK		CK	GOLDENBERG et al, "Circular and Circularly Permuted Forms of Bovine Pancreatic Trypsin Inhibitor", J. Mol. Biol. 1983, Vol. 165, pp. 407-413	
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			CO	RITCO et al, "Is the Continuity of the Domains Required for the Correct Folding of a Two-Domain Protein?", Biochemistry, 1995, Vol. 34, pp. 16543-16551	
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	$\perp$		CQ	KOMAR et al, "Kinetics of translation" FEBS Letters, 1995 Vol. 376, pp. 195-198	
				MACGREGOR et al, "A circularly permuted a-amylase-type", FEBS Letters, 1996, Vol. 378, pp. 263-266	
			CS	KOEBNIK et al, "Membrane Assembly of Circulary Permuted Variants", JMB, 1995, Vol. 250, pp. 617-626	
	4		CT	BUCHWALDER et al, "A fully active variant of Dihydrofolate Reductase with a circularly permuted sequence", Biochemistry, 1992, Vol. 31, pp. 1621-1630	
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		Application Number	08/954,954		
NF	ORMATION DISCLOSURE	Filing Date	10/21/1997		
STA	ATEMENT BY APPLICANT	First Named Inventor	Summers et al.		
,		Group Art Unit	1643		
	(use as many sheets as necessary)	Examiner Name	Kemmerer, Elizabeth		
oot	lof 4	Attorney Docket Number	C 2001/1		

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Examiner nitrals	Cite No.1	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
W	CU	VIGUERA et al, "The order of secondary structure elements", J. Mol. Biol., 1995, Vol. 247, pp. 670-681	$\prod$
	CV	MULLINS et al. "Transposition of Protein Sequences: Circular Permutation of Ribonuclease T1", J. Am. Chem. Soc., 1994, Vol. 116, pp. 5529-5533	
	CW	HORLICK et al, "Permuteins of interleukin 1B - a simplified approach for the construction of permutated proteins having new termini", Protein Engineering, USA, 1992, Vol. 5, pp.427-431	$\downarrow$
<b>V</b>	CX	KREITMAN et al, "A circularly permuted recombinant interleukin 4 toxin with increase activity", Proc. Natl. Acad. Sci. USA, 1993, Vol. 91, pp. 6889-3893	
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